

Work Order ID 139498

139498

Page 1

Monday, November 30, 2015 11:44:57 AM

Item ID: D3914-041 Accept *N900040100* Setup Start *NS1*

Revision ID: Stop *NS2*

Item Name: Long Basket Lid Assembly (350)

Start Date: 11/30/2015 Start Qty: 1.00 *1*

Required Date: 11/30/2015 Req'd Qty: 1.00 *1*

Reference: Cust Item ID: Customer:

Approvals: Process Plan: MLJ Date: NOV 30 2015 Tooling: Date: Run Start *NR1*

QC: Date: SPC (Y/N): Date: Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3914	C								
D4020	A								

100

Weld per dwg A/R S.S. rod Batch: 4131417 0.00
Large Fab

100

Large Fab

Large Fab

Memo

0.05

1- assemble ribs , weld as per dwg D3914 using DT9607A

2- weld hinge (3) and Mounting brackets as per dwg D3914

Visual inspect before welding mesh

3- tack weld mesh on basket as per dwg D3914

Cut out mesh where label plate goes in center off basket lid as per dwg D4020-5. Make sure to place mesh correctly on lid, check with label plate before tacking mesh

DAS
43
9-89

DEC 22 2015

110

QC9- Inspect visual per QSI004- Fusion Welds 0.00

110

QC

Quality Control

Memo

0.00

DEC 23 2015

DAS
24
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐		OTHER : _____					

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Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
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120	QC5- Inspect part completeness to step on W/O	0.00							DAS 24 9-89
120	QC	0.00							
Quality Control	Memo								
130	Black Sandtex(Ref:4.3.5.7) per QSI005 4.3	0.00							
130	<i>m 129777.</i>	0.00							<i>1 φ. 16-01-11.</i> DAS 34 9-89
Powdercoat	Memo								
Powder Coating	*** mask sides of hinge prior to powdercoat*** Start Time: <i>10:05</i> Oven Temperature: <i>320°</i> Finish Time: <i>12:55</i>								
140	Wing Walk as per dwg QSI005 4.4 Batch <i>M133576</i>	0.00							
140		0.01							<i>1 x of 16/01/11</i>
HandFinish	Memo								
Hand Finishing	1- Mask data plate and apply wing walk on outside surface of mesh as per dwg 2- Install label as per dwg ***Mask label plate to size of label, use scotchbrite red pad to lightly sand area for label, apply label***								

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Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
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Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
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Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
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150	QC3- Inspect Part Finish	0.00							
150									DAS 38
QC	Memo	0.00							9-89 JAN 05 2016
Quality Control									
160	Identify as per dwg & Stock Location: <u>wlo</u>	0.00							
160									
Packaging	Memo	0.00							
Packaging									
170	QC21- Final Inspection - Work Order Release	0.00							
170									
QC	Memo	0.00							
Quality Control									

mc5 JAN 05 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order update only ☐

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Picklist Print

Page 1

Monday, November 30, 2015 11:44:56 AM

Work Order ID: 139498

139498

Parent Item: D3914-041

D3914-041

Parent Item Name: Long Basket Lid Assembly (350)

Start Date: 11/30/2015

Required Date: 11/30/2015

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A new issue DD 10.03.19 verified by:EC IPP Rev:B
as per dwg revB DD 10.08.18 verified by:EC IPP Rev:C 13.03.14 AS
PER DWG REV.pc1 DD VERF:JLM IPP REV:D 13.06.21 DWG
REV.C DD VERF:JFS

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D3914-1		Manufactured	No			100	Each	2.0000	2	2		DAS 43 9-89	DEC 22 2015
D3914-1													
Rib													

****D139719 → 2**

Location	Loc Qty	Loc Code
WA004	2	
139291	2	

D3914-7		Manufactured	No			100	Each	3.0000	2	2		DAS 43 9-89	DEC 22 2015
D3914-7													
Rib													

****B139715 → 2**

Location	Loc Qty	Loc Code
WA004	3	
132563	1	
139288	2	

D4018-5		Manufactured	No			100	Each	33.0000	9	9		DAS 43 9-89	DEC 22 2015
D4018-5													
Rib													

****B139787 → 9**

Location	Loc Qty	Loc Code
WA004	33	
133880	3	
135993	3	
139365	27	

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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D3914-041

Parent Item Name: Long Basket Lid Assembly (350)

Start Date: 11/30/2015

Required Date: 11/30/2015

Start Qty: 1.00

Required Qty: 1.00

D4035-043 Manufactured No

100 Each 2.0000 2 2

D4035-043

Lid Rib Assembly, Aft (350 Basket)

****B140254 → 2x** **DAS 43 9-89 DEC 22 2015**

Location Loc Qty Loc Code

WA004 2
139282 2

D2581 Manufactured No

100 Each 50.0000 2 2

D2581

Mounting Bracket

****B137794 → 2x** **DAS 43 9-89 DEC 22 2015**

Location Loc Qty Loc Code

WA004 50
132771 1
136270 14
137324 7
137794 28

D4016-3 Manufactured No

100 Each 13.0000 3 3

D4016-3

Hinge Half, Lid

****B139807 → 3x** **DAS 43 9-89 DEC 22 2015**

Location Loc Qty Loc Code

WA004 13
138084 13

D4020-5 Manufactured No

100 Each 4.0000 1 1

D4020-5

Mesh (350 Basket Long, Lid)

****B140007 → 1x** **DAS 43 9-89 DEC 22 2015**

Location Loc Qty Loc Code

WA004 4
129375 1
139406 3

DQA: _____ Date: _____



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Start Date: 11/30/2015

Required Date: 11/30/2015

Start Qty: 1.00

Required Qty: 1.00

D4021-3

Manufactured No

100

Each

15.0000

1

1

DAS

D4021-3

Data Plate

****B13760 → 1✓**

43
9-89

DEC 22 2015

Location

Loc Qty

Loc Code

WA004

15

137760

9

139034

6

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Shop Packet Print

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DQA: _____ Date: _____



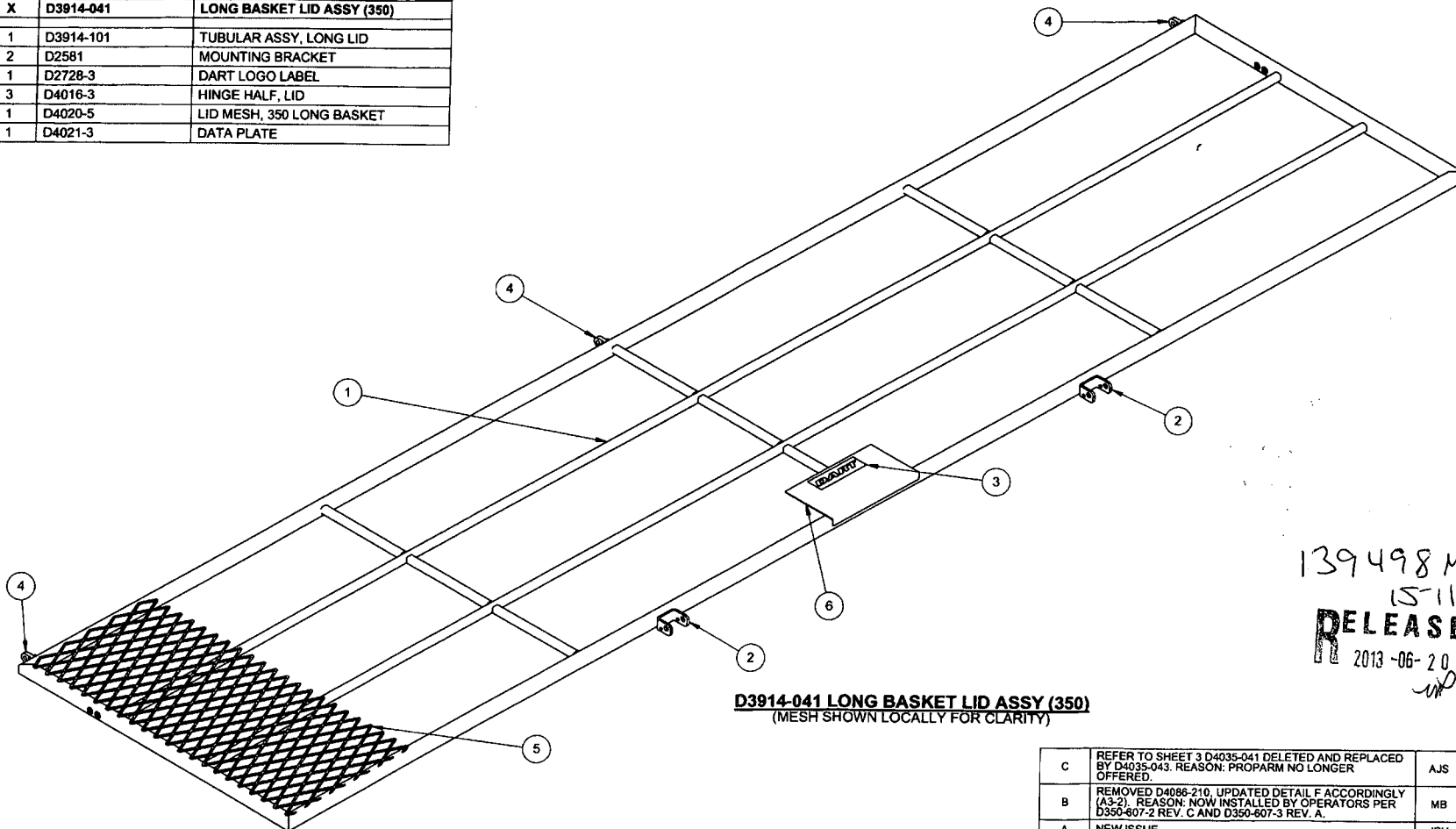
WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

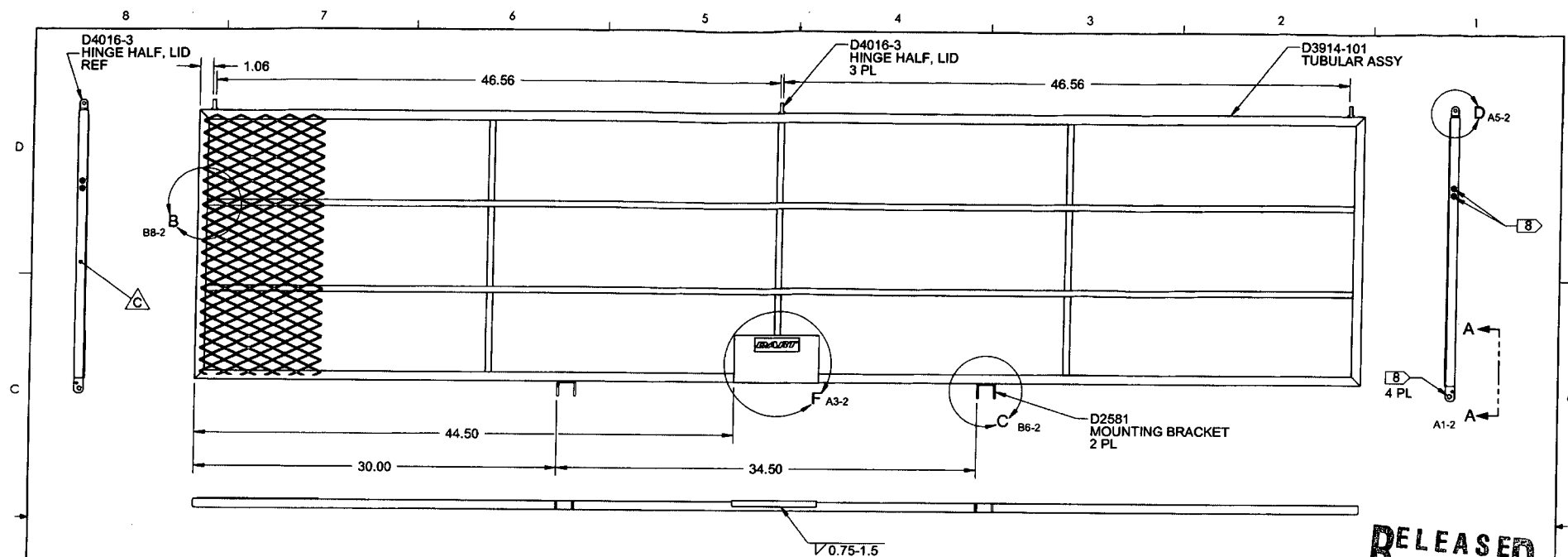
ITEM	QTY -041	P/N	DESCRIPTION
	X	D3914-041	LONG BASKET LID ASSY (350)
1	1	D3914-101	TUBULAR ASSY, LONG LID
2	2	D2581	MOUNTING BRACKET
3	1	D2728-3	DART LOGO LABEL
4	3	D4016-3	HINGE HALF, LID
5	1	D4020-5	LID MESH, 350 LONG BASKET
6	1	D4021-3	DATA PLATE



D3914-041 LONG BASKET LID ASSY (350)
(MESH SHOWN LOCALLY FOR CLARITY)

139498 MJS
15-11-20
RELEASED
2013-06-20
JPH

C	REFER TO SHEET 3 D4035-041 DELETED AND REPLACED BY D4035-043. REASON: PROPARM NO LONGER OFFERED.	AJS	13.03.13
B	REMOVED D4086-210, UPDATED DETAIL F ACCORDINGLY (A3-2). REASON: NOW INSTALLED BY OPERATORS PER D350-607-2 REV. C AND D350-607-3 REV. A.	MB	10.08.05
A	NEW ISSUE	JPH	10.03.16
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	A.P.	DRAWING NO.	REV. C
MFG. APPR.	SS	D3914	SHEET 1 OF 4
APPROVED	JPH	TITLE	SCALE
DE APPR.	JPH	LONG BASKET LID ASSY (350)	NTS
DATE	13.03.13	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



D3914-041 LONG BASKET LID ASSY (350)
(MESH SHOWN LOCALLY FOR CLARITY)

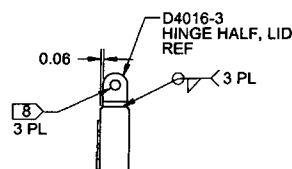
TACK WELD MESH
AT EVERY AVAILABLE
LOCATION

D4020-5
MESH

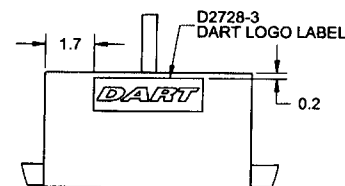
DETAIL B D8-2



DETAIL C C3-2

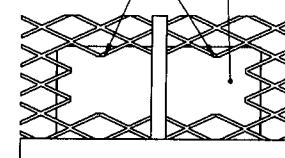


DETAIL D D1-2



DETAIL F C4-2

TACK WELD MESH
AT EVERY AVAILABLE
LOCATION



VIEW A-A C1-2

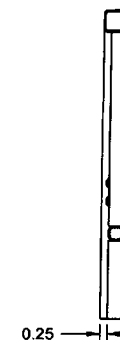
NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT BLACK SANDTEX (4.3.5.7) PER DART QSI 005 4.3
APPLY BLACK ANTI-SKID PAINT TO OUTSIDE SURFACE OF MESH PER DART QSI 005 4.4
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 22.35 lbs APPROX
- 8) MASK HOLES PRIOR TO FINISHING
- 9) WELD PER DART QSI 004

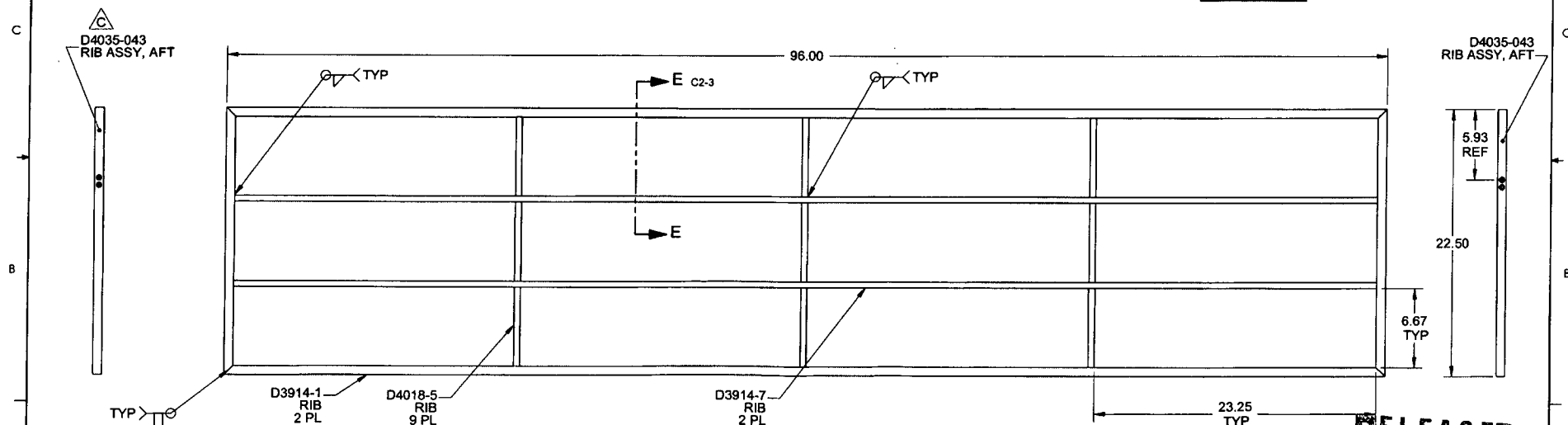
DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED	A.P.	DRAWING NO.	REV. C
MFG. APPR.	DS	D3914	SHEET 2 OF 4
APPROVED	MP	TITLE	SCALE
DE APPR.	TH	LONG BASKET LID ASSY (350)	NTS
DATE	13.03.13	COPYRIGHT © 2010 BY DART AEROSPACE LTD	
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RELEASED
2013-06-20

ITEM	QTY -101	P/N	DESCRIPTION
	X	D3914-101	TUBULAR ASSY, LONG LID (350)
1	2	D3914-1	RIB
2	2	D3914-7	RIB
3	9	D4018-5	RIB
4	2	D4035-043	BASKET LID RIB ASSY, AFT



SECTION E-E C5-3

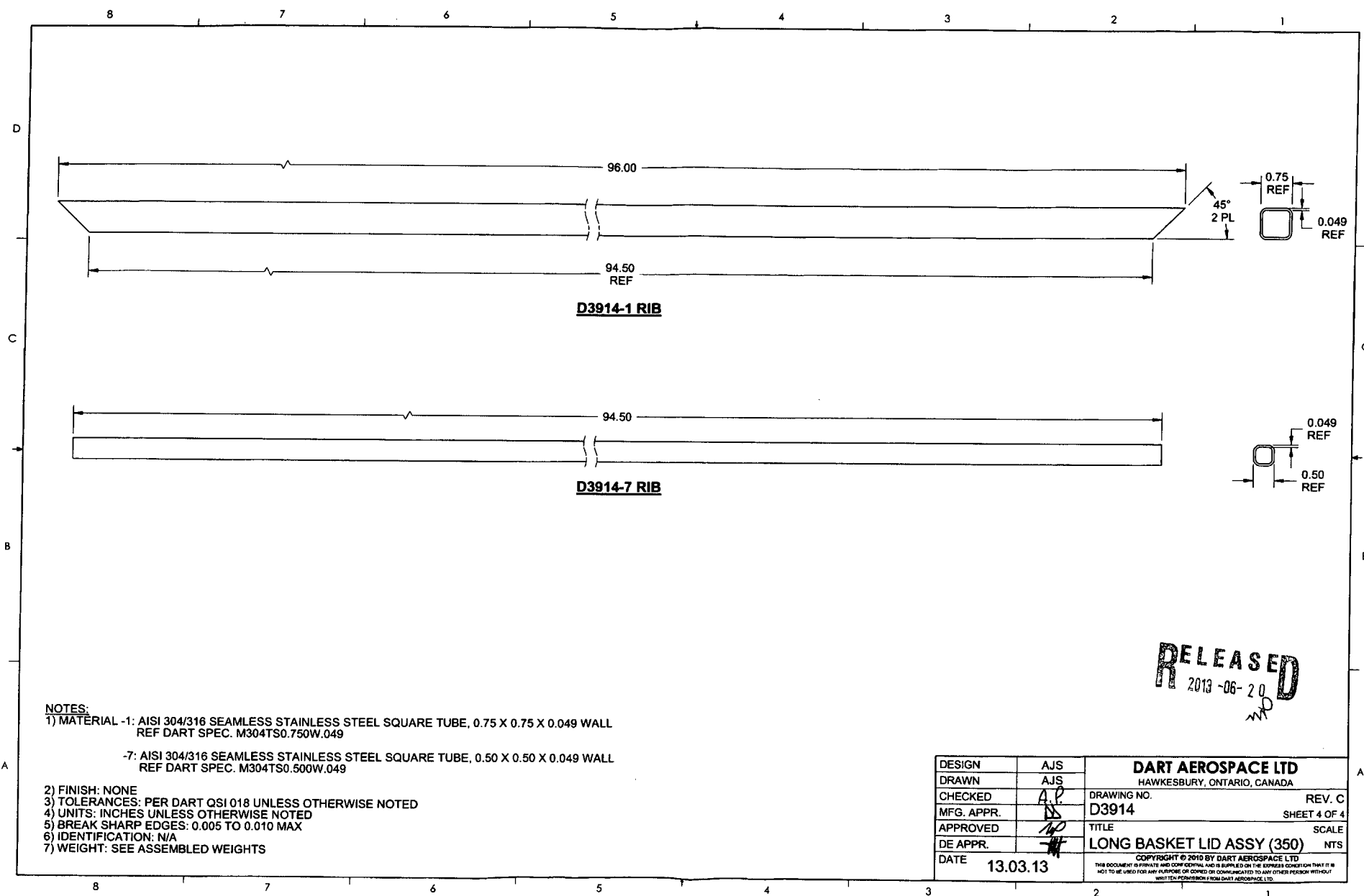


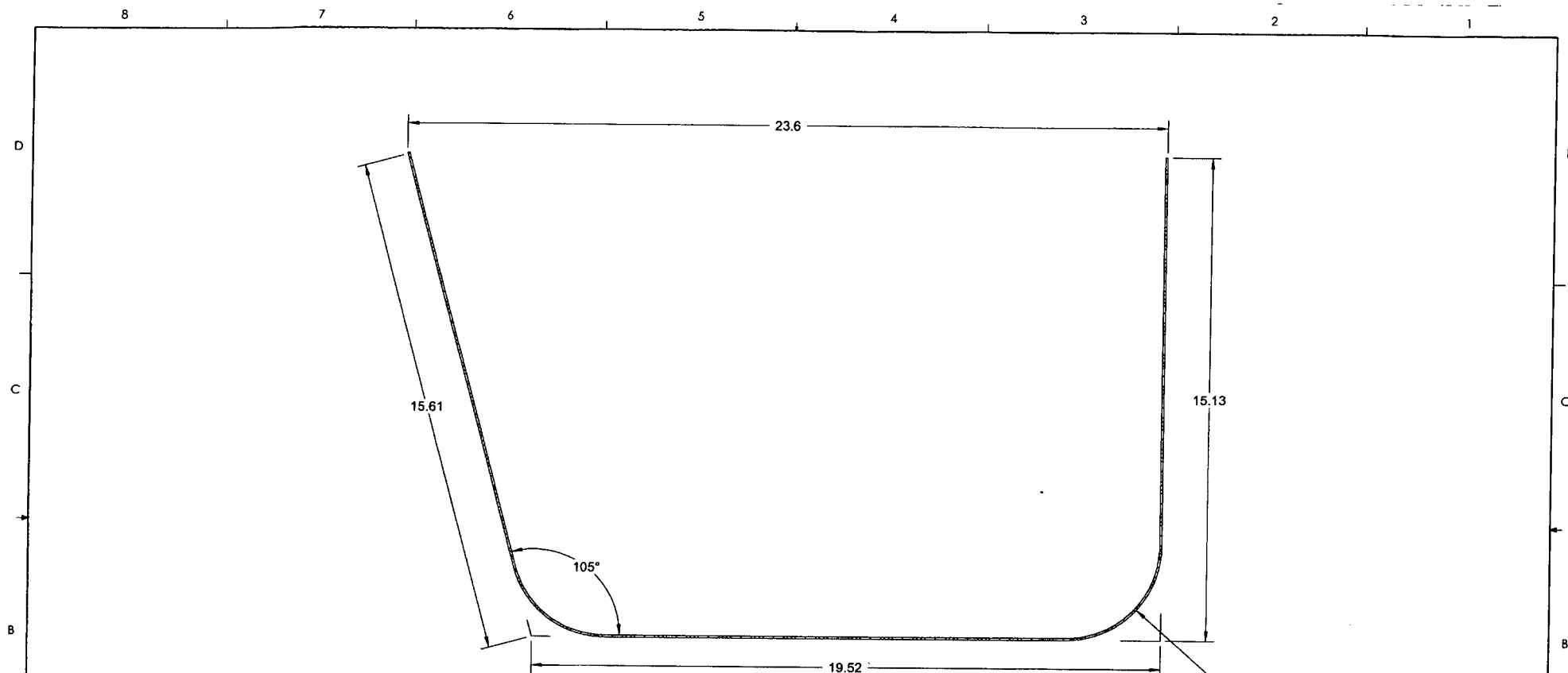
8 D3914-101 TUBULAR ASSY, LONG LID

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 14.10 lbs
- 8) TOLERANCE FOR XX.XX DIMENSIONS ± 0.06 FOR D3914-101
- 9) WELD PER DART QSI 004

DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED	A.P.	DRAWING NO.	REV. C
MFG. APPR.	AS	D3914	SHEET 3 OF 4
APPROVED	AS	TITLE	SCALE
DE APPR.	AS	LONG BASKET LID ASSY (350)	NTS
DATE	13.03.13	COPYRIGHT © 2010 BY DART AEROSPACE LTD	
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9 D4020-1 MESH (350 BASKET LONG, BASE)
(SEE D4020-1F FOR LENGTH)

9 D4020-3 (350 BASKET SHORT, BASE)
(SEE D4020-3F FOR LENGTH)

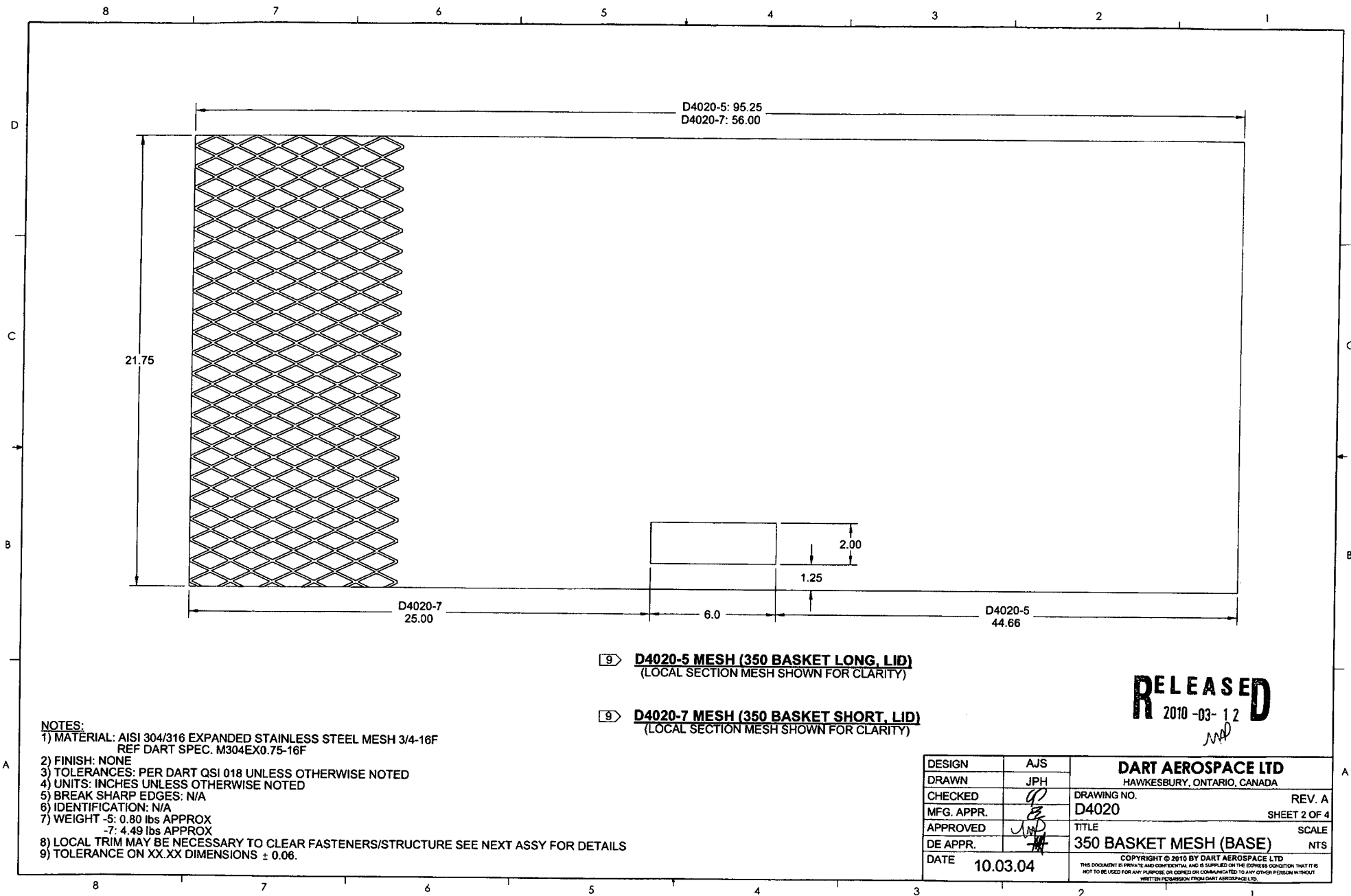
R3.0
TYP

RELEASED
2010-03-12
WJ

NOTES:

- 1) MATERIAL-1: MAKE FROM D4020-1F
-3: MAKE FROM D4020-3F
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: SEE D4020-1F & D4020-3F
- 8) LOCAL TRIM MAY BE NECESSARY TO CLEAR FASTENERS/STRUCTURE SEE NEXT ASSY FOR DETAILS
- 9) PRE-FORMING OF MESH PER SHOP OPTION, THIS VIEW MAY BE USED FOR REF ONLY

A NEW ISSUE		JPH	10.03.04
REV.	DESCRIPTION		BY DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JPH		
CHECKED	<i>JP</i>	DRAWING NO. D4020	REV. A
MFG. APPR.	<i>JP</i>	SHEET 1 OF 4	
APPROVED	<i>JP</i>	TITLE	SCALE
DE APPR.	<i>JP</i>	350 BASKET MESH (BASE)	NTS
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2010-03-12
[Signature]

